

ABSTRACT OF THE DISCLOSURE

An apparatus and method for optically aligning output beams from multiple, individual, different-wavelength laser diodes. The output of a first laser diode is fed directly into the high-reflector of a laser diode, through the gain medium, and is output from an output coupler in each of a sequence of abutting laser diodes. The output from the last laser diode includes the individual beams from each laser diode in the same single optical axis, while retaining the original wavelengths.